



TROPICAL CYCLONE BULLETIN NO. 04

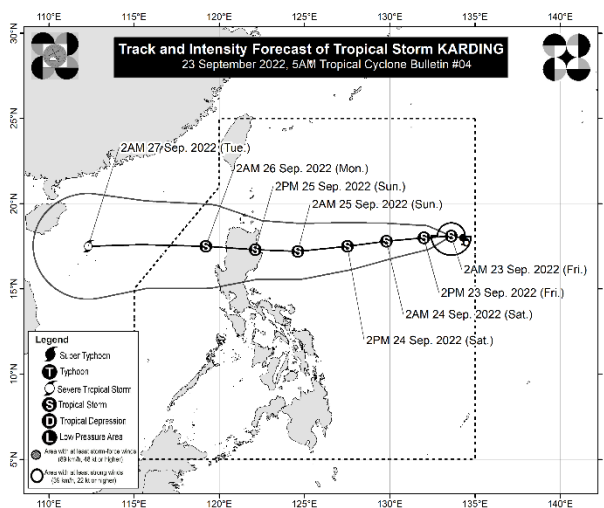
Tropical Storm KARDING

Issued at 5:00 AM, 23 September 2022

Valid for broadcast until the next bulletin at 11:00 AM today.

“KARDING” SLIGHTLY ACCELERATES WESTWARD WHILE MAINTAINING ITS STRENGTH

Location of Center (4:00 AM)
The center of Tropical Storm KARDING was estimated based on all available data at 1,235 km East of Northern Luzon (18.1°N, 133.4°E)
Intensity
Maximum sustained winds of 65 km/h near the center, gustiness of up to 80 km/h , and central pressure of 1000 hPa
Present Movement
Westward at 10 km/h
Extent of Tropical Cyclone Winds
Strong to gale-force winds extend outwards up to 130 km from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 2:00 PM 23 September 2022	18.0	132.0	1,085 km East of Northern Luzon	65	TS	W 15
24-Hour Forecast 2:00 AM 24 September 2022	17.8	129.8	855 km East of Northern Luzon	75	TS	W 20
36-Hour Forecast 2:00 PM 24 September 2022	17.5	127.5	610 km East of Tuguegarao City, Cagayan	75	TS	W 20
48-Hour Forecast 2:00 AM 25 September 2022	17.2	124.6	305 km East of Tuguegarao City, Cagayan	85	TS	W 25
60-Hour Forecast 2:00 PM 25 September 2022	17.3	122.1	In the vicinity of Divilacan, Isabela	85	TS	W 20
72-Hour Forecast 2:00 AM 26 September 2022	17.5	119.2	140 km West Southwest of Sinait, Ilocos Sur	85	TS	W 25
96-Hour Forecast 2:00 AM 27 September 2022	17.5	112.3	865 km West of Northern Luzon (Outside the PAR)	95	STS	W 30

TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT

No Tropical Cyclone Wind Signal is currently in effect.



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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

- *Sunday midnight through morning:* Light to moderate with at times heavy rains over Batanes, Cagayan, and Isabela.
- *Rest of Sunday through Monday early morning:* Moderate to heavy rains over Cordillera Administrative Region, Cagayan, Isabela, Ilocos Provinces, and La Union. Light to moderate with at times heavy rains over the northern portion of Aurora and the rest of Ilocos Region and Cagayan Valley.
- Under these conditions, **isolated to scattered flooding and rain-induced landslides are possible**, especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps and in localities with significant antecedent rainfall.
- Due to the Southwest Monsoon partly influenced by KARDING, occasional rains are also possible beginning Sunday over most of Southern Luzon and Visayas, especially over their western sections. As such, the issuance of Weather Advisory for Southwest Monsoon is not ruled out.

Severe Winds

- Tropical Cyclone Wind Signals may be hoisted as early as tonight over the eastern portions of Northern and Central Luzon in anticipation of winds of at least strong breeze to near gale strength associated with the approaching tropical cyclone.
- Per latest track and intensity forecast, the most likely highest wind signal that will be hoisted is Wind Signal No. 2. However, the potential for hoisting a Wind Signal No.3 is not ruled out at this time.

HAZARDS AFFECTING COASTAL WATERS

A preceding northeasterlies may bring **moderate to rough seas** (1.2 to 3.5 m) over the northern and western seaboard of Northern Luzon by tomorrow. On Sunday, **moderate to rough seas** will continue for the seaboard of Northern Luzon (1.2 to 4.0 m) and may begin prevailing over the eastern seaboard of Central Luzon (1.2 to 3.0 m) due to the approaching tropical storm. Such condition may be risky for those using small seacrafts. Mariners are advised to monitor for updates, take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions during the said period.

TRACK AND INTENSITY OUTLOOK

- KARDING is forecast to track generally westward while gradually accelerating towards the east coast of Northern Luzon, where it is likely to make landfall on Sunday. After crossing the mountainous terrain of Northern Luzon throughout Sunday, the tropical cyclone will continue tracking over the West Philippine Sea.
- This tropical cyclone is forecast to gradually intensify within the period prior to landfall over Northern Luzon. Per latest intensity forecast, it is likely to make landfall as a high-end tropical storm or a low-end severe tropical storm. Frictional effects of the rugged terrain of Northern Luzon may result in some slight weakening, although KARDING will most likely be at tropical storm category once it emerges over the West Philippine Sea.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 11:00 AM today.

DOST-PAGASA

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